

AE-1348

B.C.A. (Part - III) Old
Term End Examination, 2016-17

Paper - IV

Object Oriented Programming With C++

Time : Three Hours] [Maximum Marks : 100
[Minimum Pass Marks : 33

Note : Answer any **five** questions. All questions carry equal marks.

1. What is Procedure-oriented Programming ?
What are its advantages and disadvantages ?
2. What are Objects ? How are they different from class ?
3. Explain the significance of array. What are the different types of array ?
4. Explain the various kinds of looping statements in C++.

(2)

5. What is a Class Template ? What are the rules that must be followed to define a Class Template ?
6. What is a Constructor ? How do we invoke a constructor function ?
7. Explain the following with the help of example :
 - (a) Array with in a class
 - (b) Memory allocation for objects
8. Solve the following expression through K-map :

$$f(A, B, C, D) = \Sigma(0, 1, 2, 4, 5, 6, 8, 9, 12, 13, 14)$$
